

INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2003/001622

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
<b>IPC7: B60R 21/01, G01P 15/00</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
<b>IPC7: B60R, G01P</b>		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
<b>SE,DK,FI,NO classes as above</b>		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>EPO-INTERNAL, WPI DATA, PAJ, INSPEC</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5935182 A (CHEK-PENG FOO ET AL), 10 August 1999 (10.08.1999), column 1, line 13 - column 2, line 15 --	1-23
A	US 6032092 A (WALTER LAASER), 29 February 2000 (29.02.2000), column 1, line 7 - column 2, line 63 --	1-23
A	US 6113138 A (STEFAN HERMANN ET AL), 5 Sept 2000 (05.09.2000), column 1, line 8 - column 4, line 67 --	1-23
A	US 6243632 B1 (WALTER JUNG), 5 June 2001 (05.06.2001), column 1, line 15 - column 4, line 19 --	1-23
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
12 January 2004		22-01-2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86		Authorized officer  Antonio Farieta/MN Telephone No. +46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/12/2003

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Patent document cited in search report			Publication date	Patent family member(s)		Publication date
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				IT	1294994 B	27/04/1999
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				JP	3140062 B	05/03/2001
				JP	10508814 T	02/09/1998
				WO	9639315 A	12/12/1996